

## Message Text

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65

ACTION ARA-10

INFO OCT-01 EUR-12 ISO-00 FEA-01 ERDA-07 AID-05 CEA-01

CIAE-00 CIEP-02 COME-00 DODE-00 EB-07 FPC-01 H-02

INR-07 INT-05 L-03 NSAE-00 NSC-05 OMB-01 PM-03

USIA-15 SAM-01 OES-05 SP-02 SS-15 STR-04 TRSE-00

FRB-01 ACDA-10 NRC-07 PA-02 PRS-01 /136 W

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R 251350Z JUL 75

FM AMEMBASSY BRASILIA

TO SECSTATE WASHDC 0578

INFO AMEMBASSY BUENOS AIRES

AMEMBASSY CARACAS

AMEMBASSY MEXICO CITY

AMEMBASSY LIMA

AMEMBASSY BOGOTA

AMEMBASSY SANTIAGO

AMEMBASSY BONN

AMEMBASSY PARIS

AMCONSUL RIO DE JANEIRO

AMCONSUL SAO PAULO

UNCLAS BRASILIA 6180

E.O. 11652: N/A

TAGS: ENRG, TECH, BR, US

SUBJECT: BRAZIL'S NUCLEAR PROGRAM: MISCELLANEOUS ITEMS

1. ON JULY 23 THE BRAZILIAN PRESS REPORTED THAT PRESIDENT  
GEISEL SAID THE PREVIOUS DAY THAT THE UNITED STATES AND FRANCE,  
WHICH OPPOSED THE GERMAN AGREEMENT, WERE SEEKING UNDERSTANDINGS  
WITH THE GOB REGARDING SIMILAR NEW NUCLEAR AGREEMENTS. GEISEL'S  
REPORTEDLY MADE THIS STATEMENT TO A GROUP OF  
VISITING CITY COUNCILMEN FROM  
RIO GRANDE DO SUL AFTER THEY HAD COMPLIMENTED HIM ON THE GERMAN  
AGREEMENT. (COMMENT: FONOFF SOURCE TOLD ECONOFF THAT, IN THE  
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CASE OF THE US, GEISEL WAS REFERRING TO THE PENDING COMPLETION OF

THE AMENDED AGREEMENT FOR COOPERATION. HE ADDED THAT, OF COURSE, THE POSSIBLE FUTURE AGREEMENTS WITH THE US AND FRANCE RELATE TO PROSPECTIVE

PROGRAMS VERY MUCH SMALLER THAN THE PROGRAM WITH WEST GERMANY. IN THE US CASE, BRAZILIAN INTEREST LIES ON THE HIGH-TEMPERATURE GAS-COOLED (HTGR) REACTOR).

2. WESTINGHOUSE. ACCORDING TO JULY 23 EDITION OF O ESTADO DE SAO PAULO, WESTINGHOUSE SPOKESMAN SAID ON JULY 22 THAT THE COMPANY DOES NOT EXPECT TECHNICAL PROBLEMS IN THE FUNCTIONING OF REACTORS FROM DIFFERENT SOURCES IN THE ANGRA DOS REIS NUCLEAR FACILITY, BUT BY VIRTUE OF THE TECHNOLOGICAL DIFFERENCE BETWEEN WESTINGHOUSE AND THE GERMAN COMPANY, CERTAIN ECONOMIES WHICH ARE ACHIEVED WHEN ALL THE UNITS ARE IDENTICAL WILL NOT BECOME AVAILABLE TO FURNAS. ALSO, THERE WILL BE LIMITATIONS TO THE EXCHANGE OF MAINTENANCE PERSONNEL AMONG THE UNITS.

-- WESTINGHOUSE OFFERED TO COLLABORATE WITH BRAZIL IN ITS NUCLEAR ENERGY PROGRAM, AND CERTAINLY IS DISAPPOINTED THAT IT WAS NOT CHOSEN TO WORK ON THIS VERY IMPORTANT PROGRAM.

-- IN SPITE OF THE DISAPPOINTMENT, WESTINGHOUSE IS NOT IN A POSITION, NOR WOULD IT BE, TO EXERCISE PRESSURE AGAINST THE GERMAN AGREEMENT SINCE IT WAS BRAZIL'S DECISION TO UNDERTAKE THE AGREEMENT. WESTINGHOUSE WILL CONTINUE TO HOPE FOR FUTURE OPPORTUNITIES TO PARTICIPATE IN THE EXPANSION OF THE NUCLEAR PROGRAM.

-- WESTINGHOUSE IS PREPARED TO WORK WITH GOB AND INDUSTRY IN THE DEVELOPMENT OF ITS ENGINEERING CAPABILITIES AND IN THE FABRICATION OF NUCLEAR PLANTS AND NUCLEAR FUEL.

---ALMOST ALL PRESSURIZED WATER REACTORS (PWR'S) IN THE WORLD INCLUDING GERMAN PWR'S, ARE BASED ON WESTINGHOUSE TECHNOLOGY AND ON THE EXPERIENCE OBTAINED THROUGH COOPERATION PROGRAMS AND LICENSING CONTRACTS WITH WESTINGHOUSE. WESTINGHOUSE HAS SOLD 147 NUCLEAR REACTORS WORLDWIDE.

-- WESTINGHOUSE HAS NO KNOWLEDGE OF ANY OVERHEATING IN ITS REACTOR SYSTEMS. THESE SYSTEMS ARE DESIGNED TO ACCOMMODATE SMALL QUANTITIES OF RADIOACTIVITY IN THE SECONDARY (THE STEAM GENERATOR)

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OR IN THE TURBOGENERATOR SYSTEM WITHOUT HARM TO THE PLANT'S OPERATION, PUBLIC HEALTH, OR SECURITY.

3. THE JULY 19 ISSUE OF THE MASS CIRCULATION MAGAZINE "MANCHETE" CARRIED A STATEMENT BY EX-PRESIDENT JUSCELINO KUBITSCHEK IN WHICH HE CALLED THE GERMAN AGREEMENT "THE MOST IMPORTANT STEP OF THE REVOLUTION". HE SAID THAT WHEN HE WAS PRESIDENT HE MADE INITIAL MOVES IN THIS AREA. HE TOOK STEPS TO INSTALL THE FIRST EXPERIMENTAL

NUCLEAR REACTOR IN THE UNIVERSITY OF SAO PAULO FROM WHICH BRAZILIAN SCIENTISTS GAINED "KNOW-HOW." MUCH LATER, IN 1969 BRAZIL BEGAN A NUCLEAR EXCHANGE PROGRAM WITH WEST GERMANY WHICH HELPED TO DEVELOP NUCLEAR RESEARCH IN BRAZIL. AND NOW, FORTUNATELY, BRAZIL WILL BEGIN ITS

"TAKE-OFF" TOWARD SCIENTIFIC INDEPENDENCE. KUBITSCHKE'S STATEMENT CLOSED WITH: "I SHOULD POINT OUT THAT THIS IS THE MOST SIGNIFICANT, THE MOST IMPORTANT, AND THE MOST DECISIVE STEP THAT THE REVOLUTION HAS TAKEN IN ITS ELEVEN YEARS OF EXISTENCE. THE (GERMAN AGREEMENT) WILL INCLUDE US AMONG THE NATIONS BEFORE WHICH THE GREAT POWER WILL HAVE TO BOW TOMORROW. THE BENEFIT WHICH THE REACOTS ARE GOING TO BRING TO BRAZIL IN THE AREA OF THE PEACEFUL UTILIZATION OF NUCLEAR ENERGY IS INCONTESTABLE. BUT IT IS IMPORTANT TO STRESS ALSO THAT WE ARE ENTERING INTO THE ERA OF "GRANDEZA" (GREATNESS, GRANDEUR) OF NATIONS. THIS IS THE STAGE IN WHICH THEY FINALLY AFFIRM THEIR SELF-DETERMINATION, MARK THEIR INDEPENDENCE, AND TO COME SEE THEMSELVES AS EQUALS TO ANY OF THE GREAT POWERS OF THE EARTH. I FEEL FORTUNATE AS A BRAZILIAN TO BE PRESENT AT EVENTS OF THIS MAGNITUDE AND TO BE SEEING NOW OUR FUTURE NO LONGER THROUGH A LITTLE MAGNIFYING GLASS BUT THROUGH THE LENS WHICH REVEALS THE TRUE GREAT POWER THAT BRAZIL IS".

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## Message Attributes

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